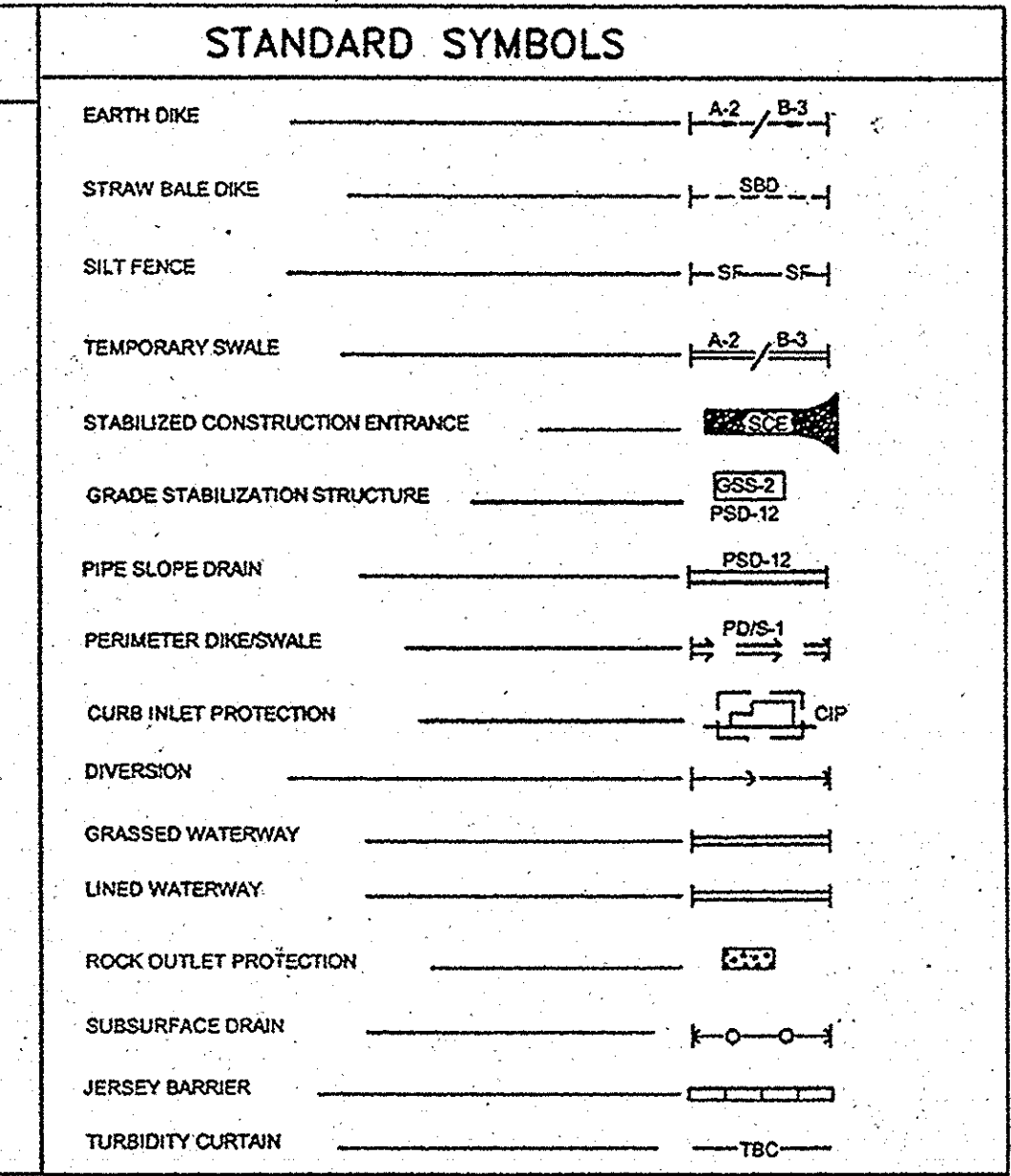


STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

- THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE SO AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
- THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
- THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
- THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
- FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.
 - ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER.
 - DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8 kPa), MINIMUM, KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
- FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.
 - LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
 - APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.



SILT FENCE

SILT FENCE DESIGN CRITERIA

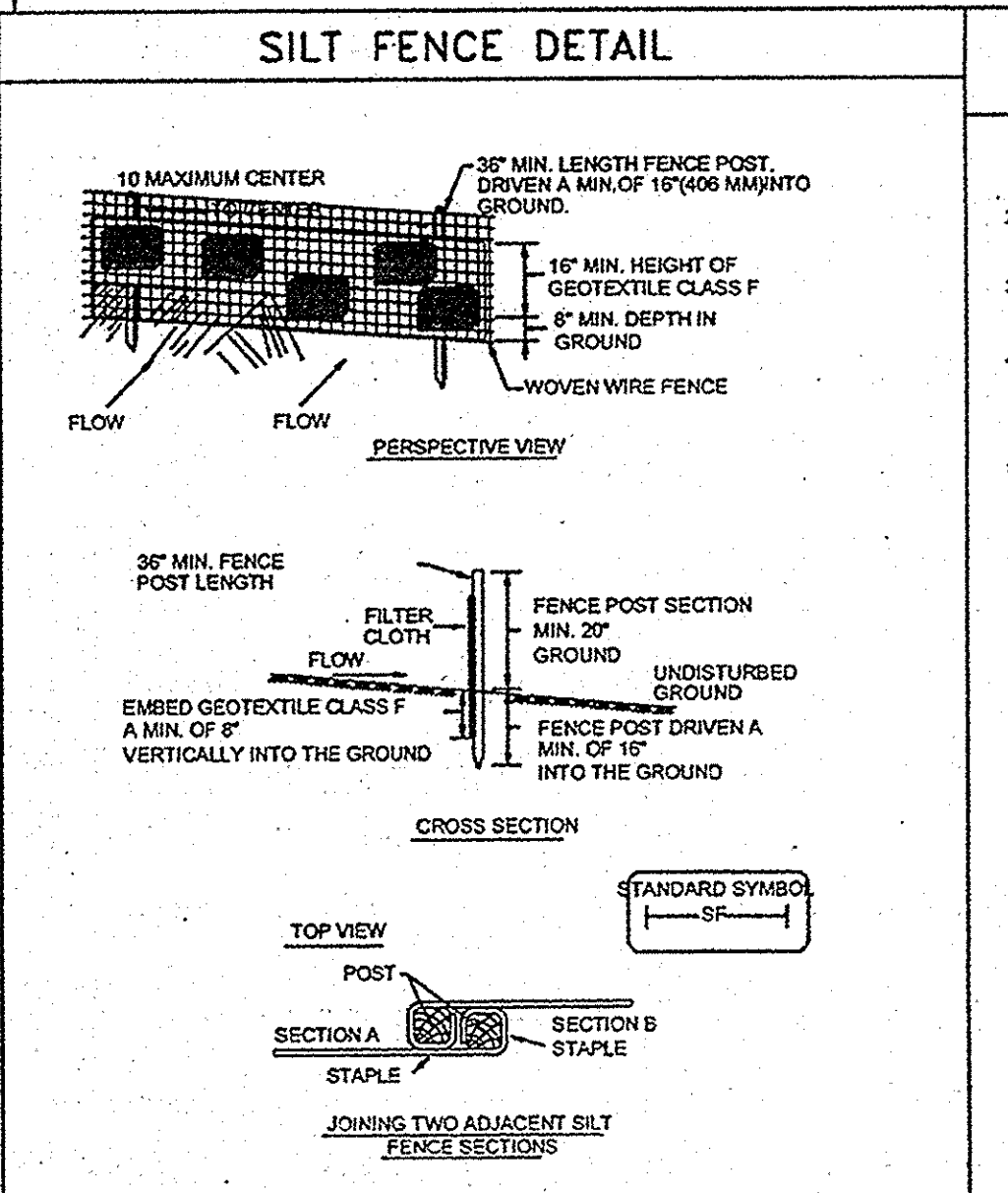
SLOPE STEEPNESS	(MAXIMUM) SLOPE LENGTH	(MAXIMUM) SILT FENCE LENGTH
FLATTER THAN 5:1	UNLIMITED	UNLIMITED
5:1 TO 10:1	125 FT.	1,000 FT.
10:1 TO 5:1	100 FT.	750 FT.
5:1 TO 3:1	60 FT.	500 FT.
3:1 TO 2:1	40 FT.	250 FT.
2:1 AND STEEPER	20 FT.	125 FT.

NOTE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS SILT FENCE MAY BE THE ONLY PERIMETER CONTROL REQUIRED.

CONSTRUCTION SPECIFICATIONS

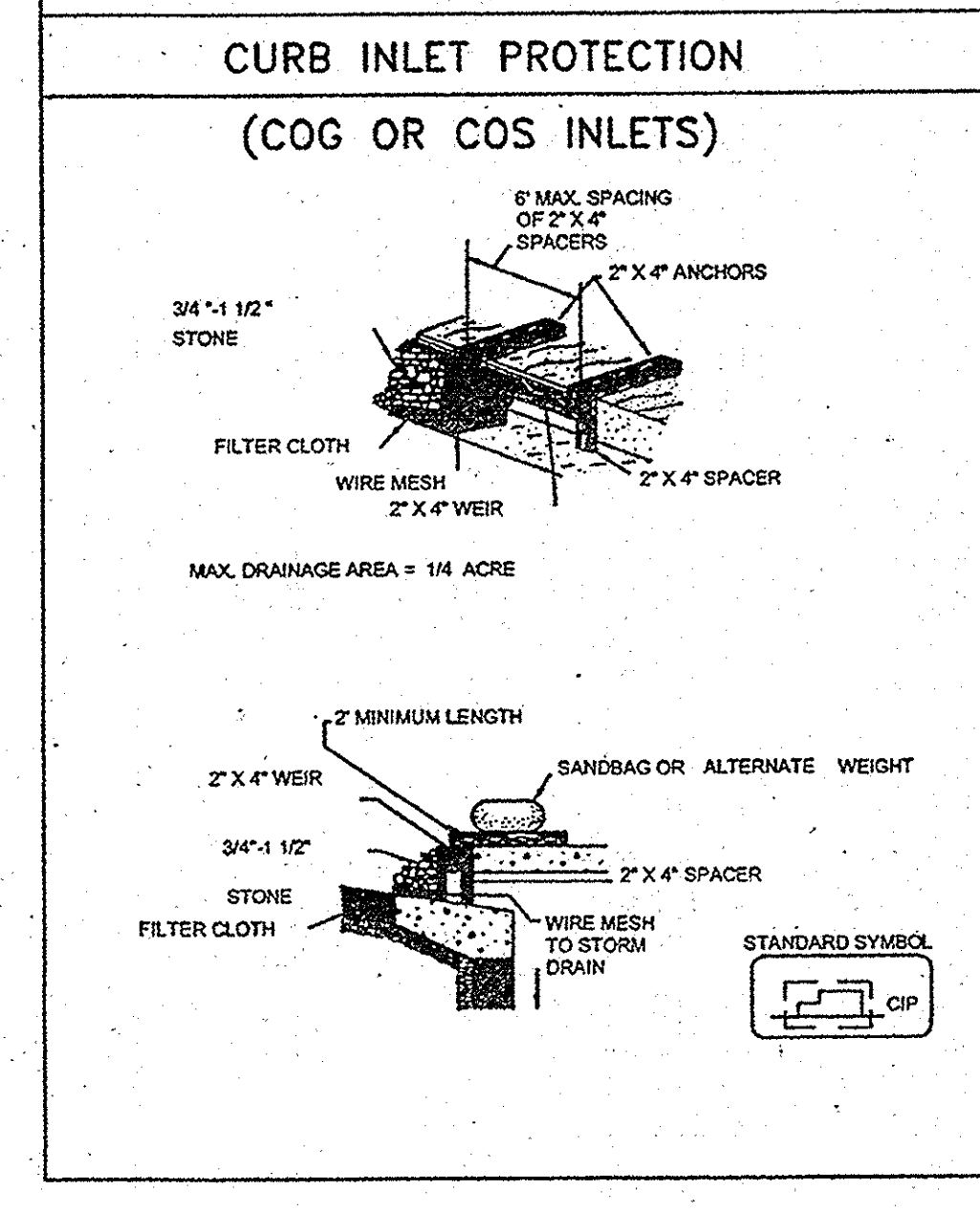
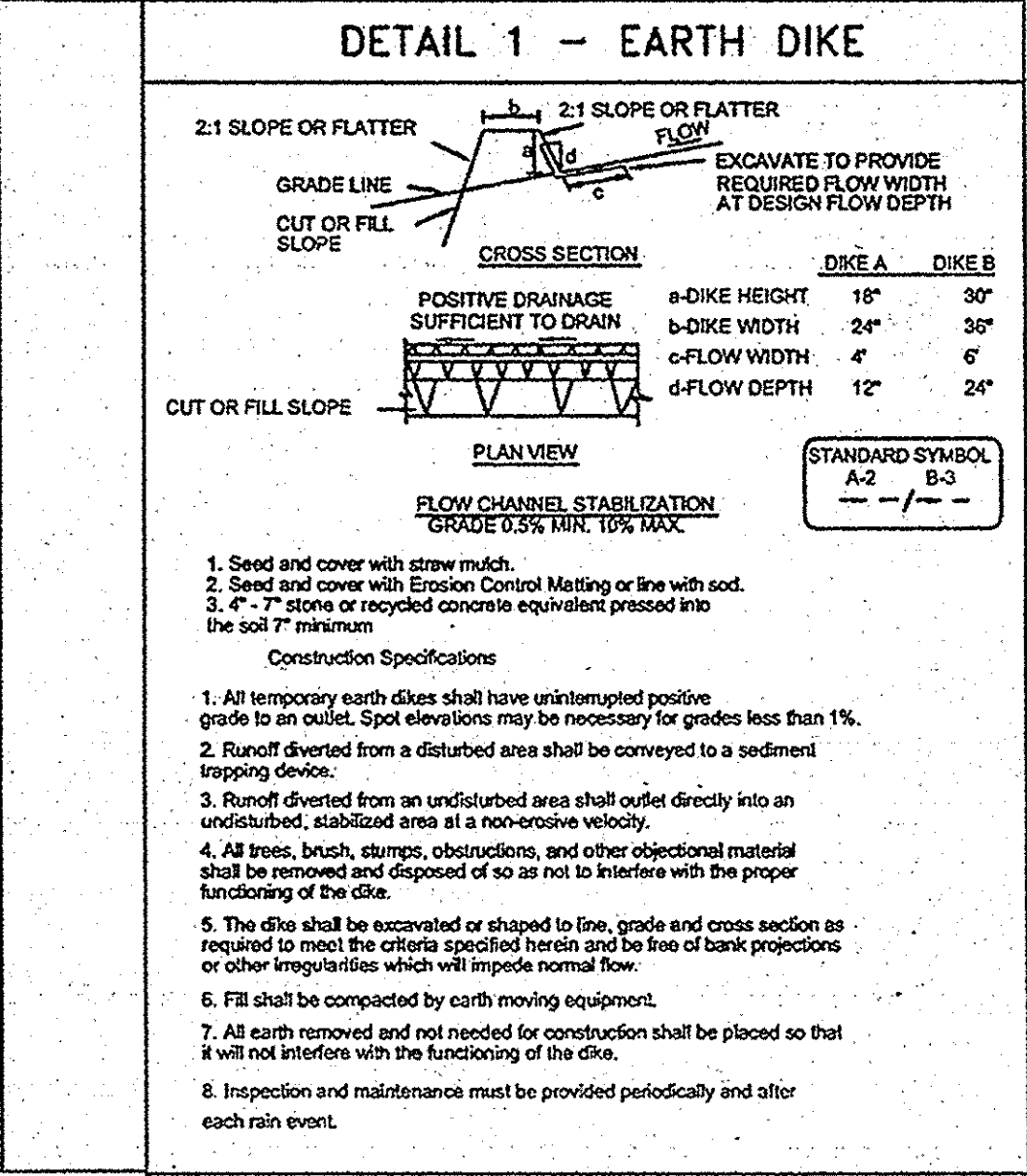
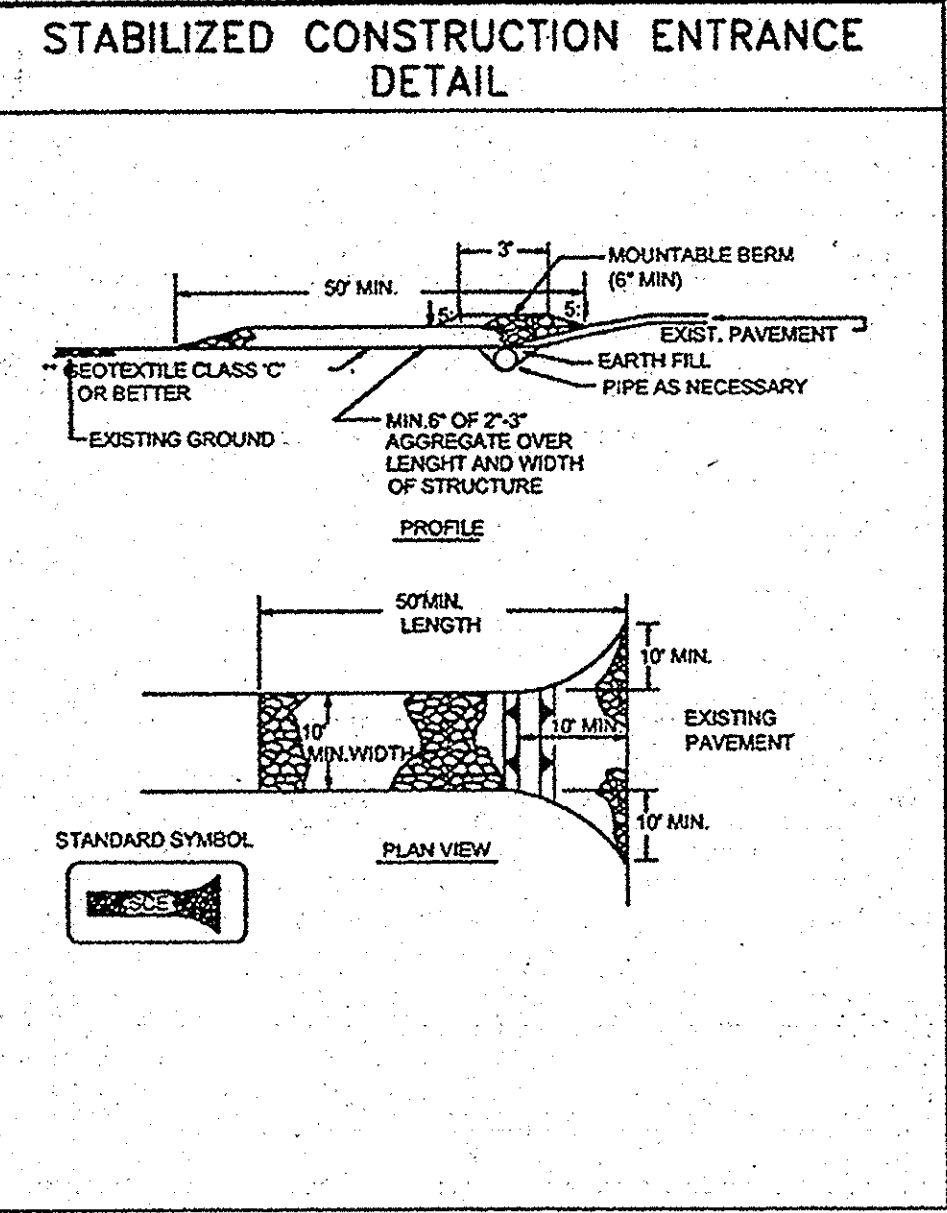
- FENCE POST SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. WOOD POST SHALL BE 1 1/2" SQUARE (MINIMUM) CUT, OR 1 3/4" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POST WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POUND PER LINEAR FOOT.
- GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F:

TENSILE STRENGTH	50 LBS/IN. (MIN)	TEST: MSMT 509
TENSILE MODULUS	20 LBS/IN. (MIN)	TEST: MSMT 509
FLOW RATE	0.3 GAL. FT/MIN. (MAX)	TEST: MSMT 322
FILTERING EFFICIENCY	75% (MIN)	TEST: MSMT 222
- WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
- SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 50% OF THE FABRIC HEIGHT.



SCE CONSTRUCTION SPECIFICATION

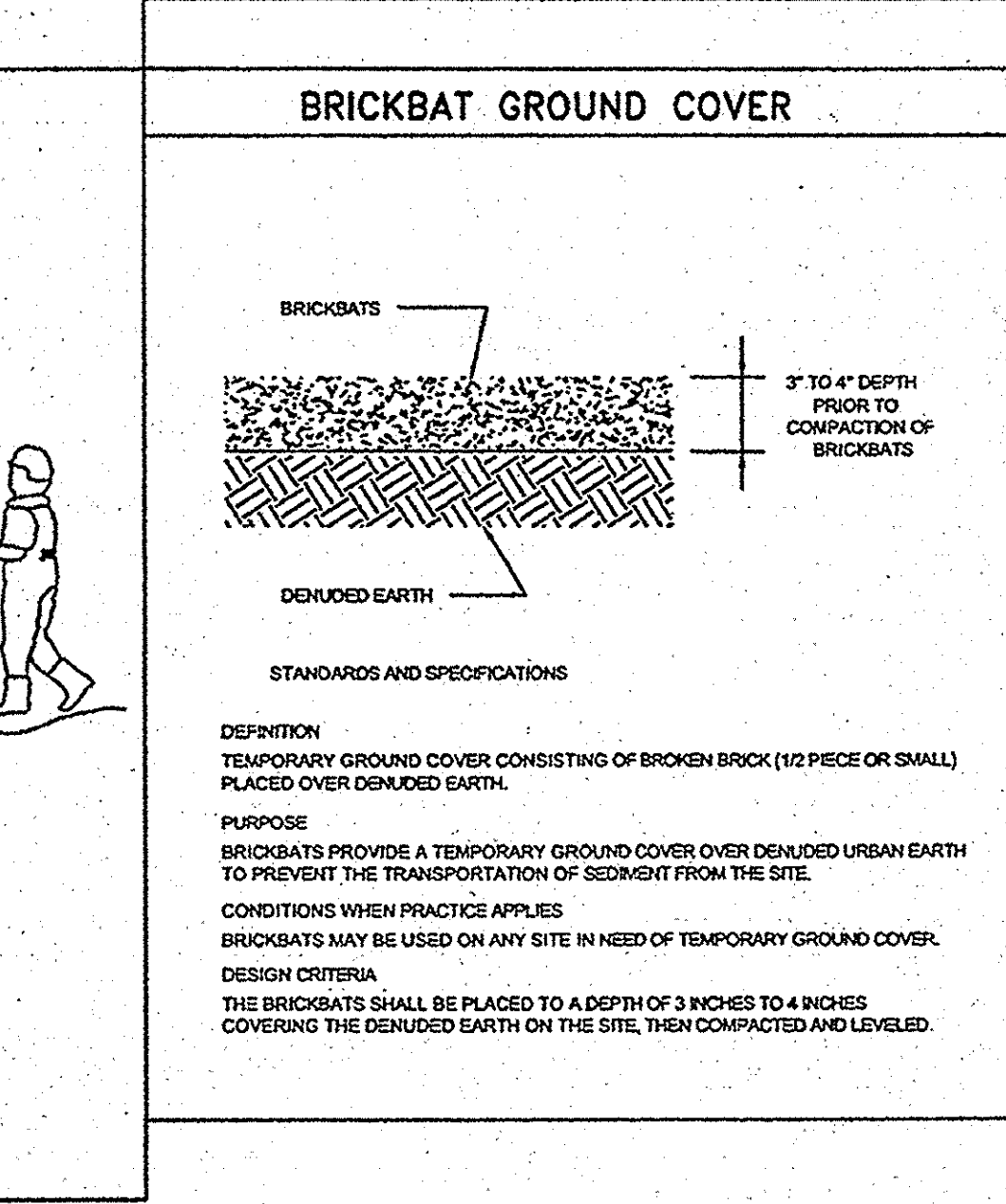
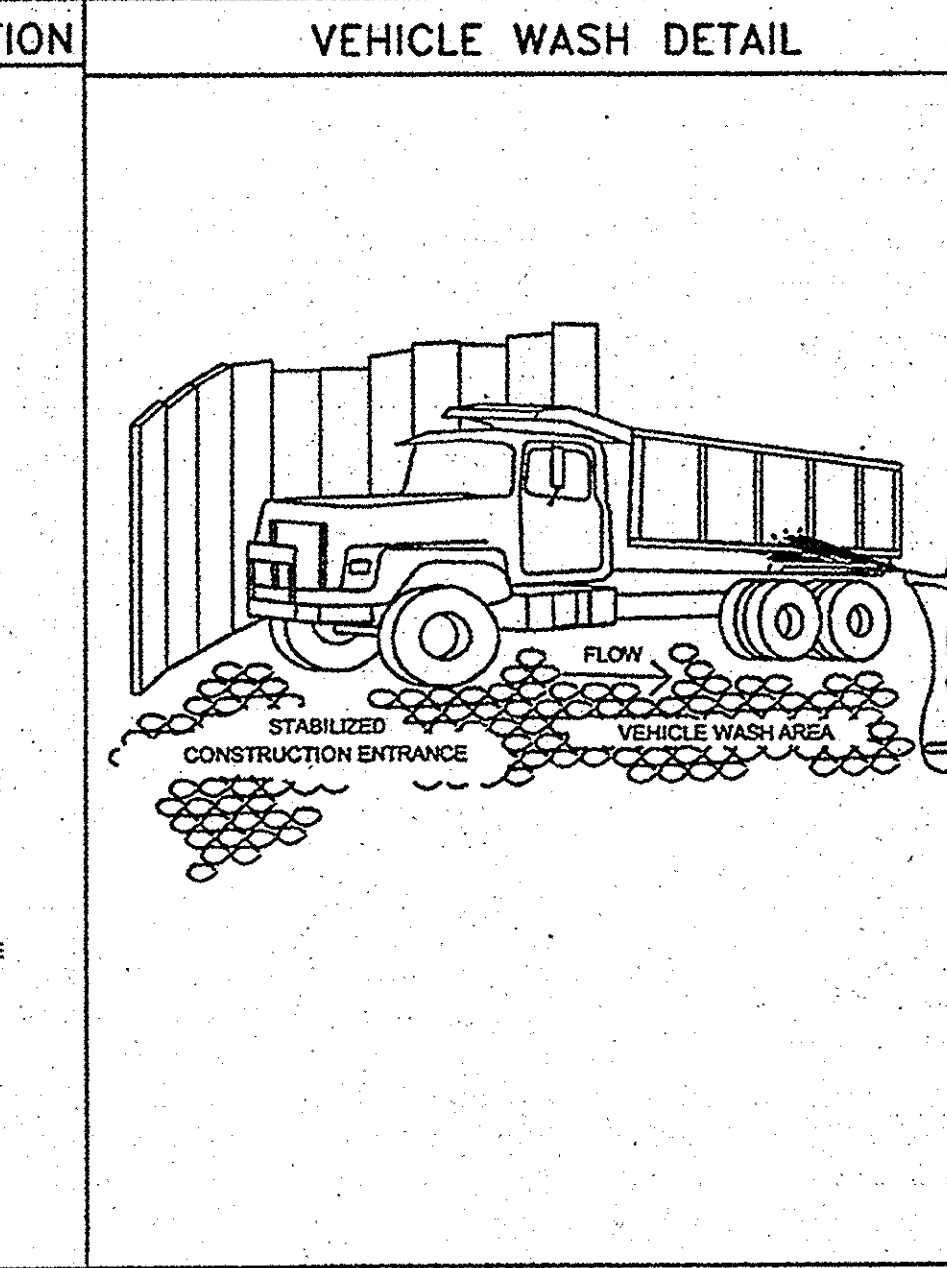
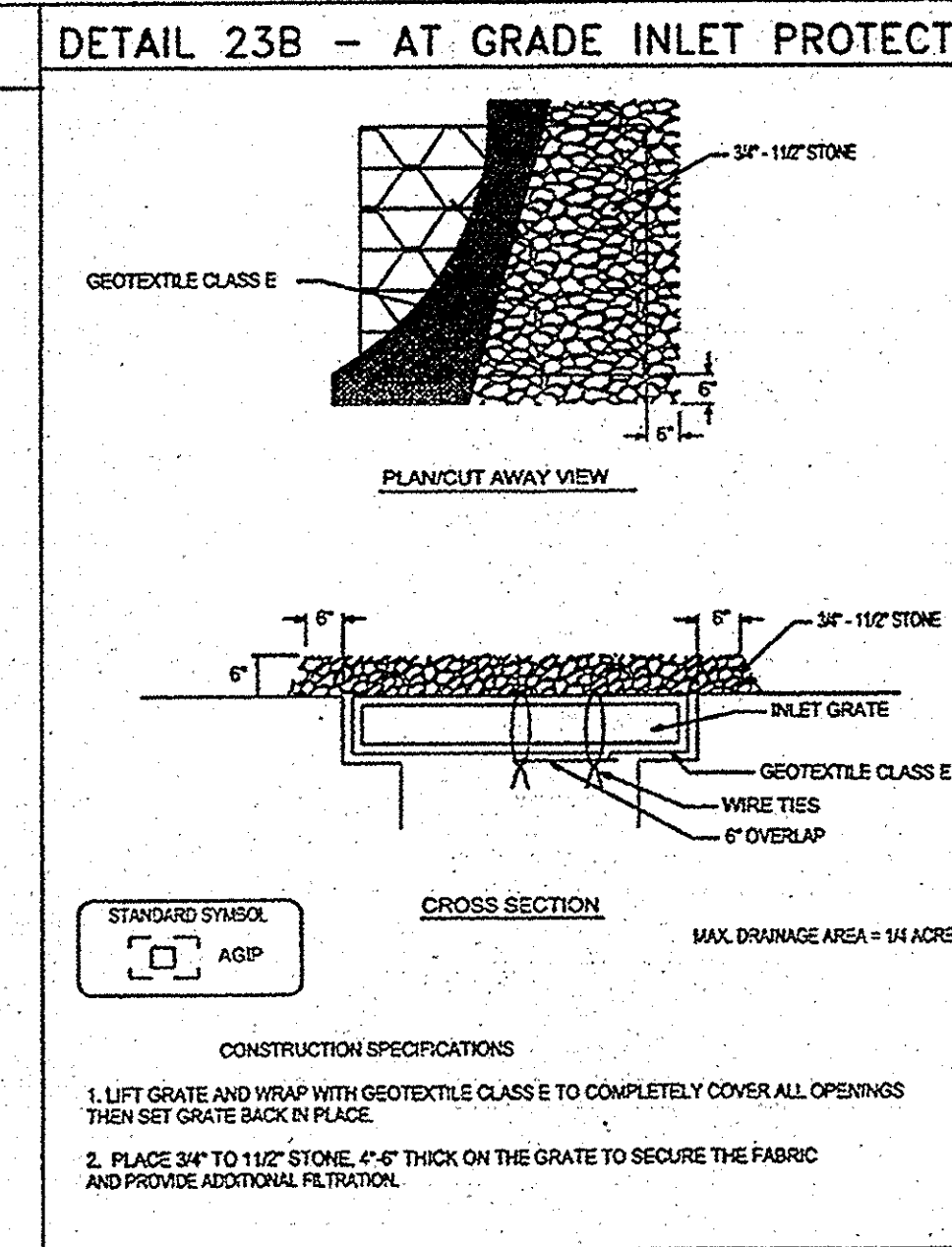
- LENGTH - MIN. OF 50' RAMP X 30' RAMP FOR SINGLE RESIDENCE LOT.
- WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE.
- STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
- SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 2:1 SLOPES AND MIN. OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MIN. WILL BE REQUIRED.
- LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY WHEN WASHING IS REQUIRED. IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO A APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



CURB INLET PROTECTION NOTES

CONSTRUCTION SPECIFICATIONS

- ATTACH A CONTINUOUS PIECE OF WIRE MESH 30" MIN. WIDTH BY THROAT LENGTH PLUS 4" TO THE 2"x4" WEIR (MEASURING THROAT LENGTH) PLUS 2" AS SHOWN ON THE STANDARD DRAWING.
- PLACE A CONTINUOUS PIECE OF GEOTEXTILE CLASS E THE SAME DIMENSIONS AS THE WIRE MESH OVER THE WIRE MESH AND SECURELY ATTACH IT TO THE 2"x4" WEIR.
- SECURELY NAIL THE 2"x4" WEIR TO A 6" LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WEIR AND THE INLET FACE (MAX. 4" APART).
- PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL (MIN. 2" LENGTHS OF 2"x4" TO THE TOP OF THE WEIR AT SPACER LOCATIONS). THE 2"x4" ANCHORS SHALL EXTEND ACROSS THE INLET TOP AND BE HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHT.
- THE ASSEMBLY SHALL BE PLACED SO THAT THE END SPACERS ARE A MIN. 1' (0.31 m) BEYOND BOTH ENDS OF THE THROAT OPENING.
- FORM THE 12"x12" WIRE MESH AND THE GEOTEXTILE FABRIC TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 3/4"x1/2" STONE OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE.
- THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE FILTER CLOTH AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT.
- ASSURE THAT STORM FLOW DOES NOT BYPASS THE INLET BY INSTALLING A TEMPORARY EARTH OR ASPHALT DIKE TO DIRECT FLOW TO THE INLET.



PERMANENT SEEDING SPECIFICATIONS

- All disturbed areas shall be seeded and mulched.
- Seeded preparation - apply 2 tons per acre of line and 100 lb. Per acre of 10-10-10 fertilizer or equivalent. Thoroughly mix into soil to a minimum of 3".
- Seeding - use 40' Kentucky bluegrass, 10% annual rye and 25% red fescue at the rate of 250 lb. Per acre.
- Mulching - use clean, unweathered, unchopping small grain straw at the rate of 1 1/2 to 2 tons per acre anchored down with cutback asphalt at the rate of 5-8 gallons per 1000 sq. Ft.
- Disking and harrowing shall be done on contour.
- Before seeding all soils shall be loosened by means of tilling and/or disking. All trash, debris, roots, brush, wire, rocks, stone and other foreign debris over one inch in diameter shall be removed prior to seeding to a depth of 4" (4") inches.
- Seeding and mulching - may be done immediately after final grading, provided that bed has remained in good, friable condition and has not become muddy or hard. If it has become hard, it shall be tilled to friable condition again.
- Seed shall be worked into the top 1/4" of soil by means of raking, wire drag or other approved equipment. During periods of high temperature and/or drought.

Permanent seeding: shall be done February 1 through 30, and may 1 through October 31. Irrigation for permanent seeding shall be done between May 1 and August 14.

Temporary seeding: shall be done between February 1 through April 30 and August 15 through November 30. All other disturbed areas requiring stabilization not within the seeding dates shall be mulched.

Temporary Seeding Specifications

- All temporary seeded areas shall be mulched immediately after seeding. Mulch materials should be unweathered, unchopped, small grain straw spread at a rate of 1 1/2 to 2 tons per acre. The mulch shall be anchored immediately after placement with asphalt, peg and twine, plastic nettings or by a mulch anchoring tool.
- Lime and fertilizer shall be required for temporary seeding in accordance with the following procedures:
 - Pulverized dolomitic limestone is to be applied at the rate of 46 lbs. Per 1,000 sq. Ft.
 - Fertilizer shall be 10-10-10 or equivalent and applied at the rate of 12 to 18 lbs. Per 1,000 sq. Ft.

Seeding preparation
The top layer of soil shall be loosened by disking or raking (shall be done on contour) at a depth of at least 3", before seeding occurs.

Seeding
LIME: 50 lbs. Of dolomitic limestone per 1,000 sq. Ft.
FERTILIZER: 15 lbs. Of 10-10-10 per 1,000 sq. Ft.
SEED: Italian rye or perennial rye at 0.92 lbs. Per 1,000 sq. Ft.
(Notes: February 1st-April 30th, or August 15-November 1st) mulch - same rate as above (date: November 2-January 31, mulch only)
MULCH: same rate as above (date: November 2-January 31, mulch only) planting depth: 1" to 2" for all of the above.

SEDIMENT CONTROL PLAN
(BUILDING DEMOLITION)
SQUARE 5197 LOT 809
DEANWOOD (18th) NEIGHBORHOOD
WASHINGTON, D.C.

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Government of the District of Columbia
2025 M. Street NW, Suite 600
Washington, DC 20005
ATTN: Pam Frenzsch-Beyme

PRELIMINARY PLAN NO. SITE PLAN NO.
DESIGN JJS SHEET 2 OF 2
DRAFT JWK
DATE OCT. 2008
SCALE 1" = 30' FILE NO.: 38-198-23

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